

## CLAIMS

What is claimed is:

1. A real-time situation report system for linking a server host and a mobile electronic networking device through a network environment to transmit a situation message to a user  
5 using a common transfer protocol, which server host comprising:
- a signal control module receiving an abnormal signal;
  - an I/O (input/output) unit connecting with the signal control module and the mobile electronic networking device for transmitting the situation message;
  - an access database storing a situation report program and multimedia data; and
- 10 a central processing module connecting with the I/O unit and the access database for transmitting and receiving data, messages and commands to and from the I/O unit and the access database.
2. The system of claim 1, wherein the mobile electronic networking device is selected from the group consisting of a mobile phone, a PDA (personal digital assistant), and a  
15 notebook computer.
3. The system of claim 1, wherein the transfer protocol is selected from the group consisting of HTTP (hypertext transfer protocol), FTP (file transfer protocol), WAP (wireless application protocol), GPRS (general packet radio service, GSM (global system for mobile), W-CDMA (wideband code division multiple access), IR wireless transfer protocol,  
20 Bluetooth, IEEE802.11a Standards, IEEE802.11b Standards, wireless LAN (local area network).
4. The system of claim 1, wherein the signal control module is further coupled to at least one sensor.

5. The system of claim 4, wherein the sensor is selected from the group consisting of a camera, an answering machine, a smoke detector, and an IR sensor.

6. The system of claim 1, wherein the situation message comprises the abnormal signal and a physical position.

5        7. The system of claim 6, wherein the physical position refers to the location of the sensor.

8. The system of claim 1, wherein the abnormal signal refers to a message generated by a sensor when it senses an abnormal situation.

9. The system of claim 1, wherein the multimedia data refer to contents generated through combinations of texts, voices, pictures, and videos sensible by human beings in a digital form.

10      10. A real-time situation report method for linking a server host and a mobile electronic networking device through a network environment to transmit a situation message to a user using a common transfer protocol, comprising the steps of:

15            starting a situation report program;

                receiving an abnormal signal;

                searching and identifying a physical position corresponding to the abnormal signal;

20            sending a situation message with the abnormal signal and the physical position; and

                receiving the situation message and displaying a warning signal through the mobile electronic networking device.

11. The method of claim 10, wherein the mobile electronic networking device is

selected from the group consisting of a mobile phone, a PDA (personal digital assistant), and a notebook computer.

12. The method of claim 10, wherein the transfer protocol is selected from the group consisting of HTTP (hypertext transfer protocol), FTP (file transfer protocol), WAP  
5 (wireless application protocol), GPRS (general packet radio service, GSM (global system for mobile), W-CDMA (wideband code division multiple access), IR wireless transfer protocol, Bluetooth, IEEE802.11a Standards, IEEE802.11b Standards, wireless LAN (local area network).

13. The method of claim 10, wherein the abnormal signal refers to a message generated  
10 by a sensor when it senses an abnormal situation.

14. The method of claim 10, wherein the physical position refers to the location of the sensor.

15. The method of claim 10, wherein the warning signal is selected from the group consisting of combinations of texts, voices and pictures.